

Abstract of the Disclosure:

A method measures a voltage at a point of a current distribution network via a measuring circuit. The measuring circuit contains a voltage transmitter which is coupled to a current-conducting conductor of the network, and a further processing configuration which is connected to the voltage transmitter and which outputs a voltage measuring value as an output signal at the output thereof. The output signal of the measuring circuit is corrected by a correction element that has a transfer function that is inverse to the transfer function of the measuring circuit in order to obtain precise voltage measuring values that are independent from the type of the selected voltage transmitter. A measuring device is provided for carrying out the method.